

AMENDMENTS TO THE CLAIMS

Please add claims 86-95.

Please amend the claims as follows:

Claims 1-47 (CANCELED)

48. (CURRENTLY AMENDED) A system for monitoring a physiological condition and for providing health-related information comprising:

(a) a display device including a display screen;

(b) an audio speaker;

(c) a processor configured to provide audio and visual signals to the ~~display device~~ and audio speaker and display device respectively;

(d) at least one memory;

(e) at least one physiological data monitor configured to (i) provide a signal representative of a user physiological parameter and (ii) operate while being physically separated from said processor and outside a housing containing said processor;

(f) an interface coupled between the processor and the physiological data monitor to at least isolate electrically the physiological data monitor from the processor, wherein the electrically isolating interface (i) is neither entirely disposed within said housing containing said processor nor any housing containing said physiological data monitor, and (ii) comprises more

20 than approximately a quarter of a physical distance separating said
physiological data monitor and said housing of said processor; and

(g) a program controller configured to

(i) receive an input from a user,

(ii) provide a control signal to the processor based

25 upon the user's input, thereby to cause health related information
to be provided to the user based upon the signal representative of
the physiological parameter and the control signal,

(h) wherein the physiological parameter includes a blood
glucose level and the physiological data monitor includes a blood
30 glucose indicator.

49. (CANCELED)

50. (CURRENTLY AMENDED) The system according to claim
48, wherein the interface includes:

(a) a signal receiver for receiving the signal
representative of a blood glucose level from the at least one
5 physiological data monitor;

(b) a converter for converting the received signal into
a form acceptable to the processor; and

(c) a ~~multimedia~~ controller for controlling the
processor.

51. (CURRENTLY AMENDED) A system for interactively monitoring a blood glucose level and for interactively providing health-related information comprising:

(a) a ~~blood~~ glucose monitor adapted to measure a blood glucose level of a user and for generating a first signal in response to a measurement of blood glucose;

(b) a processor (i) for receiving a second signal that is a function of the first signal, (ii) being contained within a housing, and (iii) configured to operate while being physically separated from said glucose monitor, said glucose monitor being disposed outside said housing containing said processor;

(c) an interface coupled between the blood glucose monitor and the processor

(i) for receiving the first signal from the blood glucose monitor and

(ii) for providing the second signal to the processor, and

(iii) configured to isolate electrically the user from the processor, wherein the electrically isolating interface (i) is neither entirely disposed within said housing containing said processor nor any housing containing said glucose monitor and (ii) comprises more than approximately a quarter of a physical distance separating said glucose monitor and said housing of said processor;

25 (d) a memory coupled to the processor for storing blood
level data; and

 (e) a display system coupled to the processor for
displaying a representation of the blood glucose level data, so as
to provide health related information to the user in an interactive
30 manner.

52. (PREVIOUSLY PRESENTED) The system according to
claim 51, wherein the interface utilizes optical isolation.

53. (CANCELED)

54. (PREVIOUSLY PRESENTED) The system according to
claim 48, wherein the program controller enables the user to make
selections and to control the functions of the monitoring system.

55. (PREVIOUSLY PRESENTED) The system according to
claim 54 wherein the program controller is hand-held.

56. (PREVIOUSLY PRESENTED) The system according to
claim 54, wherein the program controller receives input from the
user through at least one push button switch.

57. (PREVIOUSLY PRESENTED) The system according to claim 48, wherein health related information provided to the user includes moving images displayed on the display.

58. (PREVIOUSLY PRESENTED) The system according to claim 57, wherein the health related information provided to the user further includes a comparison of measurements of the blood glucose level with previously stored measurements of the blood
5 glucose level.

59. (PREVIOUSLY PRESENTED) The system according to claim 57, wherein the health related information provided to the user includes educational information.

60. (PREVIOUSLY PRESENTED) The system according to claim 48, wherein the system is configured to store information on at least one memory for later retrieval.

61. (PREVIOUSLY PRESENTED) The system according to claim 48, wherein the display device is a television display and the processor has at least one removable memory.

62. (CURRENTLY AMENDED) A method for monitoring a physiological condition and for providing health-related information comprising:

(a) using at least one physiological data monitor to provide a signal representative of a user physiological parameter;

(b) providing a processor to produce audio and a visual signals for reproduction at ~~a display screen of a display device and an audio speaker and a display screen~~, respectively, and (i) providing said processor within a housing, (ii) operating said processor while being physically separated from said physiological data monitor, and (iii) said physiological data monitor being disposed outside said housing containing said processor;

(c) electrically isolating the processor and the physiological data monitor, wherein the electrical isolating (i) occurs neither entirely within said housing containing said processor nor any housing containing said physiological data monitor and (ii) is provided by an interface comprising more than approximately a quarter of a physical distance separating said physiological data monitor and said housing of said processor;

(d) using a program controller

(i) to receive an input from a user, and

(ii) to provide signals to the processor based upon the user's input; and

(e) in response and based upon the signal representative
25 of the physiological parameter and the input from the user, having
the processor cause the visual and audio signals of the health
related information to the user,
(f) wherein the physiological parameter includes a blood
glucose level and the physiological data monitor includes a blood
30 glucose indicator.

63. (CANCELED)

64. (CURRENTLY AMENDED) The method according to claim
62, further comprising:

(a) receiving a signal representative of a blood glucose
level from the at least one physiological data monitor;

5 (b) converting the received signal into a form
acceptable to the processor; and

(c) using a ~~multimedia~~ controller for controlling the
processor.

65. (PREVIOUSLY PRESENTED) The method according to
claim 62, wherein the electrical isolation is achieved by optical
isolation.

66. (CANCELED)

67. (PREVIOUSLY PRESENTED) The method according to claim 62, further comprising enabling the user to select and control the functions of the monitoring method.

68. (PREVIOUSLY PRESENTED) The method according to claim 67 wherein the program controller is hand-held.

69. (PREVIOUSLY PRESENTED) The method according to claim 67, wherein the program controller receives input from the user through at least one push button switch.

70. (PREVIOUSLY PRESENTED) The method according to claim 62, wherein health related information provided to the user includes moving images displayed on the display.

71. (PREVIOUSLY PRESENTED) The method according to claim 70, wherein the health related information provided to the user further includes a comparison of measurements of the physiological parameter with previously stored measurements of the physiological parameter.

72. (PREVIOUSLY PRESENTED) The method according to claim 70, wherein the health related information provided to the user includes educational information.

73. (PREVIOUSLY PRESENTED) The method according to claim 62, further comprising storing information at least one memory for later retrieval.

74. (PREVIOUSLY PRESENTED) The method according to claim 62, wherein the display device comprises a television and the visual signals are reproduced on the television and the processor has at least one removable memory.

75. (CURRENTLY AMENDED) An apparatus for interactively monitoring a blood glucose level and for interactively providing health-related information comprising;

a. a display device comprising a display screen ~~and an~~
5 ~~audio-speaker~~;

b. a ~~multimedia~~ processor coupled to provide a visual signal to the display screen ~~and an audio signal to the audio speaker~~, wherein the ~~multimedia~~ processor ~~is comprises a~~
multiplayer contained within a housing;

10 c. an electrically isolating interface device coupled to the ~~multimedia~~ processor;

d. a glucose monitor coupled to provide a signal representative of a blood glucose level to the interface device, wherein the glucose monitor is (i) configured to operate while
15 being physically separated from said processor and (ii) outside

said housing containing said processor, wherein the electrically isolating interface device (i) is neither entirely disposed within said housing containing said processor nor any housing containing said glucose monitor, and (ii) comprises more than approximately a quarter of a physical distance separating said glucose monitor and said housing of said processor; and

e. a controller coupled to provide a control signal to the ~~multimedia~~ processor based on user input, so as to provide health related information in an interactive manner.

76. (CURRENTLY AMENDED) The apparatus according to claim 75 wherein the ~~multimedia~~ processor comprises a video game console.

77. (PREVIOUSLY PRESENTED) The apparatus according to claim 75 wherein the display device comprises a television set.

78. (CURRENTLY AMENDED) The apparatus according to claim 75, further comprising wherein the multiplayer comprises a ~~ED~~ ~~Rom~~ CD-ROM drive, and wherein the apparatus further comprises an interchangeable compact disk removably coupled to the CD-ROM drive for providing additional functionality to the ~~multimedia~~ processor.

79. (CURRENTLY AMENDED) The apparatus according to claim 75 wherein the interface device comprises;

a. means for receiving the signal representative of a blood glucose level;

5 b. means for converting the signal representative of a blood glucose level into a form acceptable to the ~~multimedia~~ processor coupled to the means for receiving; and

c. means for controlling the ~~multimedia~~ processor coupled to the means for converting.

80. (CANCELED)

81. (CURRENTLY AMENDED) An apparatus for interactively monitoring a blood glucose level and for interactively providing health-related information comprising;

5 a. a display device comprising a display screen and an audio speaker;

 b. a ~~multimedia~~ processor contained within a housing and coupled to provide a visual signal to the display screen ~~and an~~ audio signal to the audio speaker, wherein the ~~multimedia~~ processor comprises a ~~multiplayer~~;

10 c. an electrically isolating interface device coupled to the ~~multimedia~~ processor;

d. a glucose monitor coupled to provide a signal representative of a blood glucose level to the interface device, wherein the glucose monitor is (i) configured to operate while being physically separated from said processor and (ii) outside said housing containing said processor, wherein the electrically isolating interface device (i) is neither entirely disposed within said housing containing said processor nor any housing containing said glucose monitor, and (ii) comprises more than approximately a quarter of a physical distance separating said glucose monitor and said housing of said processor; and

e. a controller coupled to provide a control signal to the ~~multimedia~~ processor based on a user's input, so as to provide health related information to the user in an interactive manner based upon the signal representative of the blood glucose level and the control signal.

82. (CURRENTLY AMENDED) The apparatus according to claim 81 wherein the ~~multimedia~~ processor comprises a video game console.

83. (CURRENTLY AMENDED) The apparatus according to claim 81 further comprising ~~wherein the multiplayer comprises a CD Rom~~ CD-ROM drive, and wherein the apparatus further comprises an

interchangeable compact disk removably coupled to the CD-ROM drive
5 for providing additional functionality to the ~~multimedia~~ processor.

84. (CURRENTLY AMENDED) The apparatus according to claim 81 wherein the interface device comprises;

a. means for receiving the signal representative of a blood glucose level;

5 b. means for converting the signal representative of a blood glucose level into a form acceptable to the ~~multimedia~~ processor coupled to the means for receiving; and

c. means for controlling the ~~multimedia~~ processor coupled to the means for converting.

85. (CANCELED)

86. (NEW) The system according to claim 48, wherein said electrically isolating interface comprises at least approximately a third of a physical distance separating said physiological data monitor and said housing of said processor.

87. (NEW) The system according to claim 48, wherein said electrically isolating interface comprises at least approximately a half of a physical distance separating said physiological data monitor and said housing of said processor.

88. (NEW) The system according to claim 51, wherein said electrically isolating interface comprises at least approximately a third of a physical distance separating said glucose monitor and said housing of said processor.

89. (NEW) The system according to claim 51, wherein said electrically isolating interface comprises at least approximately a half of a physical distance separating said glucose monitor and said housing of said processor.

90. (NEW) The method according to claim 62, wherein said electrical isolating occurs within at least approximately a third of a physical distance separating said physiological data monitor and said housing of said processor.

91. (NEW) The method according to claim 62, wherein said electrical isolating occurs within at least approximately a half of a physical distance separating said physiological data monitor and said housing of said processor.

92. (NEW) The apparatus according to claim 75, wherein said electrically isolating interface comprises at least approximately a third of a physical distance separating said glucose monitor and said housing of said processor.

93. (NEW) The apparatus according to claim 75, wherein said electrically isolating interface comprises at least approximately a half of a physical distance separating said glucose monitor and said housing of said processor.

94. (NEW) The apparatus according to claim 81, wherein said electrically isolating interface comprises at least approximately a third of a physical distance separating said glucose monitor and said housing of said processor.

95. (NEW) The apparatus according to claim 81, wherein said electrically isolating interface comprises at least approximately a half of a physical distance separating said glucose monitor and said housing of said processor.